

Release notes for ENDF/B Development n-035_Br_079
evaluation

ENDF
B-VII.dev

April 26, 2017

- checkr Warnings:

1. A previous error halted parsing of the current section
MAT=3525, MF= 1, MT=451 (1): Parsing stopped

```
ERROR(S) FOUND IN MAT=3525, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER      285 TO      377
```

- checkr Errors:

1. A variable is outside the allowed ENDF range
MAT=3525, MF= 1, MT=451 (0): Variable range

```
ERROR(S) FOUND IN MAT=3525, MF= 1, MT=451
MOD =      1 OUT OF RANGE      0 -      0      RECORD NUMBER      285
```

2. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 2, MT=151 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=3525, MF= 2, MT=151
SECTION 2/151 NOT IN DIRECTORY      RECORD NUMBER      379
```

3. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 1 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 1
SECTION 3/ 1 NOT IN DIRECTORY      RECORD NUMBER      920
```

4. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 2 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 2
SECTION 3/ 2 NOT IN DIRECTORY      RECORD NUMBER      953
```

5. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 4 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 4
SECTION 3/ 4 NOT IN DIRECTORY      RECORD NUMBER      986
```

6. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 16 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 16
SECTION 3/ 16 NOT IN DIRECTORY      RECORD NUMBER      1009
```

7. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 17 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 17 | RECORD NUMBER | 1018 |
| SECTION 3/ 17 NOT IN DIRECTORY | | |
8. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 22 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 22 | RECORD NUMBER | 1023 |
| SECTION 3/ 22 NOT IN DIRECTORY | | |
9. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 28 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 28 | RECORD NUMBER | 1036 |
| SECTION 3/ 28 NOT IN DIRECTORY | | |
10. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 32 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 32 | RECORD NUMBER | 1048 |
| SECTION 3/ 32 NOT IN DIRECTORY | | |
11. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 33 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 33 | RECORD NUMBER | 1055 |
| SECTION 3/ 33 NOT IN DIRECTORY | | |
12. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 51 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 51 | RECORD NUMBER | 1062 |
| SECTION 3/ 51 NOT IN DIRECTORY | | |
13. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 52 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 52 | RECORD NUMBER | 1085 |
| SECTION 3/ 52 NOT IN DIRECTORY | | |
14. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 53 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 53 | RECORD NUMBER | 1107 |
| SECTION 3/ 53 NOT IN DIRECTORY | | |
15. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 54 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 54 | RECORD NUMBER | 1129 |
| SECTION 3/ 54 NOT IN DIRECTORY | | |
16. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 55 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 55 | RECORD NUMBER | 1150 |
| SECTION 3/ 55 NOT IN DIRECTORY | | |
17. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 56 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 56 | RECORD NUMBER | 1171 |
| SECTION 3/ 56 NOT IN DIRECTORY | | |
18. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 57 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 57 | RECORD NUMBER | 1191 |
| SECTION 3/ 57 NOT IN DIRECTORY | | |
19. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 58 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 58 | RECORD NUMBER | 1211 |
| SECTION 3/ 58 NOT IN DIRECTORY | | |
20. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 59 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 59 | RECORD NUMBER | 1230 |
| SECTION 3/ 59 NOT IN DIRECTORY | | |
21. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 60 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 60 | RECORD NUMBER | 1249 |
| SECTION 3/ 60 NOT IN DIRECTORY | | |
22. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 61 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 61 | RECORD NUMBER | 1267 |
| SECTION 3/ 61 NOT IN DIRECTORY | | |
23. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 62 (0): Directory (b)

- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 62 | |
| SECTION 3/ 62 NOT IN DIRECTORY | RECORD NUMBER 1285 |
24. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 63 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 63 | |
| SECTION 3/ 63 NOT IN DIRECTORY | RECORD NUMBER 1302 |
25. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 64 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 64 | |
| SECTION 3/ 64 NOT IN DIRECTORY | RECORD NUMBER 1319 |
26. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 65 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 65 | |
| SECTION 3/ 65 NOT IN DIRECTORY | RECORD NUMBER 1335 |
27. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 66 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 66 | |
| SECTION 3/ 66 NOT IN DIRECTORY | RECORD NUMBER 1351 |
28. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 67 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 67 | |
| SECTION 3/ 67 NOT IN DIRECTORY | RECORD NUMBER 1366 |
29. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 68 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 68 | |
| SECTION 3/ 68 NOT IN DIRECTORY | RECORD NUMBER 1381 |
30. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 69 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 69 | |
| SECTION 3/ 69 NOT IN DIRECTORY | RECORD NUMBER 1396 |
31. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 70 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 70 | RECORD NUMBER | 1410 |
| SECTION 3/ 70 NOT IN DIRECTORY | | |
32. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 71 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 71 | RECORD NUMBER | 1424 |
| SECTION 3/ 71 NOT IN DIRECTORY | | |
33. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 72 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 72 | RECORD NUMBER | 1438 |
| SECTION 3/ 72 NOT IN DIRECTORY | | |
34. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 73 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 73 | RECORD NUMBER | 1451 |
| SECTION 3/ 73 NOT IN DIRECTORY | | |
35. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 74 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 74 | RECORD NUMBER | 1464 |
| SECTION 3/ 74 NOT IN DIRECTORY | | |
36. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 75 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 75 | RECORD NUMBER | 1476 |
| SECTION 3/ 75 NOT IN DIRECTORY | | |
37. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 76 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 76 | RECORD NUMBER | 1488 |
| SECTION 3/ 76 NOT IN DIRECTORY | | |
38. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 77 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 77 | RECORD NUMBER | 1499 |
| SECTION 3/ 77 NOT IN DIRECTORY | | |
39. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 78 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 78 | RECORD NUMBER | 1510 |
| SECTION 3/ 78 NOT IN DIRECTORY | | |
40. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 79 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 79 | RECORD NUMBER | 1521 |
| SECTION 3/ 79 NOT IN DIRECTORY | | |
41. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT= 91 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT= 91 | RECORD NUMBER | 1531 |
| SECTION 3/ 91 NOT IN DIRECTORY | | |
42. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT=102 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT=102 | RECORD NUMBER | 1541 |
| SECTION 3/102 NOT IN DIRECTORY | | |
43. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT=103 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT=103 | RECORD NUMBER | 1568 |
| SECTION 3/103 NOT IN DIRECTORY | | |
44. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT=104 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT=104 | RECORD NUMBER | 1584 |
| SECTION 3/104 NOT IN DIRECTORY | | |
45. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT=105 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT=105 | RECORD NUMBER | 1597 |
| SECTION 3/105 NOT IN DIRECTORY | | |
46. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT=106 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 3, MT=106 | RECORD NUMBER | 1608 |
| SECTION 3/106 NOT IN DIRECTORY | | |
47. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT=107 (0): Directory (b)

- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3525, MF= 3, MT=107 | |
| | SECTION 3/107 NOT IN DIRECTORY | RECORD NUMBER 1618 |
48. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 3, MT=111 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3525, MF= 3, MT=111 | |
| | SECTION 3/111 NOT IN DIRECTORY | RECORD NUMBER 1634 |
49. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 2 (0): Directory (b)
- | | | |
|--|--|--------------------|
| | ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 2 | |
| | SECTION 4/ 2 NOT IN DIRECTORY | RECORD NUMBER 1645 |
50. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 16 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 16 | |
| | SECTION 4/ 16 NOT IN DIRECTORY | RECORD NUMBER 1863 |
51. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 17 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 17 | |
| | SECTION 4/ 17 NOT IN DIRECTORY | RECORD NUMBER 1874 |
52. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 22 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 22 | |
| | SECTION 4/ 22 NOT IN DIRECTORY | RECORD NUMBER 1885 |
53. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 28 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 28 | |
| | SECTION 4/ 28 NOT IN DIRECTORY | RECORD NUMBER 1896 |
54. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 32 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 32 | |
| | SECTION 4/ 32 NOT IN DIRECTORY | RECORD NUMBER 1907 |
55. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 33 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 33 | RECORD NUMBER | 1918 |
| SECTION 4/ 33 NOT IN DIRECTORY | | |
56. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 51 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 51 | RECORD NUMBER | 1929 |
| SECTION 4/ 51 NOT IN DIRECTORY | | |
57. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 52 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 52 | RECORD NUMBER | 1954 |
| SECTION 4/ 52 NOT IN DIRECTORY | | |
58. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 53 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 53 | RECORD NUMBER | 1980 |
| SECTION 4/ 53 NOT IN DIRECTORY | | |
59. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 54 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 54 | RECORD NUMBER | 2006 |
| SECTION 4/ 54 NOT IN DIRECTORY | | |
60. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 55 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 55 | RECORD NUMBER | 2031 |
| SECTION 4/ 55 NOT IN DIRECTORY | | |
61. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 56 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 56 | RECORD NUMBER | 2056 |
| SECTION 4/ 56 NOT IN DIRECTORY | | |
62. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 57 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 57 | RECORD NUMBER | 2081 |
| SECTION 4/ 57 NOT IN DIRECTORY | | |
63. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 58 (0): Directory (b)

- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 58 | |
| SECTION 4/ 58 NOT IN DIRECTORY | RECORD NUMBER 2106 |
64. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 59 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 59 | |
| SECTION 4/ 59 NOT IN DIRECTORY | RECORD NUMBER 2131 |
65. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 60 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 60 | |
| SECTION 4/ 60 NOT IN DIRECTORY | RECORD NUMBER 2156 |
66. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 61 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 61 | |
| SECTION 4/ 61 NOT IN DIRECTORY | RECORD NUMBER 2181 |
67. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 62 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 62 | |
| SECTION 4/ 62 NOT IN DIRECTORY | RECORD NUMBER 2206 |
68. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 63 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 63 | |
| SECTION 4/ 63 NOT IN DIRECTORY | RECORD NUMBER 2231 |
69. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 64 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 64 | |
| SECTION 4/ 64 NOT IN DIRECTORY | RECORD NUMBER 2256 |
70. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 65 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 65 | |
| SECTION 4/ 65 NOT IN DIRECTORY | RECORD NUMBER 2279 |
71. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 66 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 66 | RECORD NUMBER | 2302 |
| SECTION 4/ 66 NOT IN DIRECTORY | | |
72. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 67 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 67 | RECORD NUMBER | 2325 |
| SECTION 4/ 67 NOT IN DIRECTORY | | |
73. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 68 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 68 | RECORD NUMBER | 2348 |
| SECTION 4/ 68 NOT IN DIRECTORY | | |
74. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 69 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 69 | RECORD NUMBER | 2371 |
| SECTION 4/ 69 NOT IN DIRECTORY | | |
75. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 70 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 70 | RECORD NUMBER | 2394 |
| SECTION 4/ 70 NOT IN DIRECTORY | | |
76. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 71 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 71 | RECORD NUMBER | 2417 |
| SECTION 4/ 71 NOT IN DIRECTORY | | |
77. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 72 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 72 | RECORD NUMBER | 2440 |
| SECTION 4/ 72 NOT IN DIRECTORY | | |
78. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 73 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 73 | RECORD NUMBER | 2463 |
| SECTION 4/ 73 NOT IN DIRECTORY | | |
79. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 74 (0): Directory (b)

- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 74 | |
| SECTION 4/ 74 NOT IN DIRECTORY | RECORD NUMBER 2486 |
80. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 75 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 75 | |
| SECTION 4/ 75 NOT IN DIRECTORY | RECORD NUMBER 2509 |
81. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 76 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 76 | |
| SECTION 4/ 76 NOT IN DIRECTORY | RECORD NUMBER 2532 |
82. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 77 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 77 | |
| SECTION 4/ 77 NOT IN DIRECTORY | RECORD NUMBER 2555 |
83. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 78 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 78 | |
| SECTION 4/ 78 NOT IN DIRECTORY | RECORD NUMBER 2578 |
84. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 79 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 79 | |
| SECTION 4/ 79 NOT IN DIRECTORY | RECORD NUMBER 2601 |
85. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 4, MT= 91 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 4, MT= 91 | |
| SECTION 4/ 91 NOT IN DIRECTORY | RECORD NUMBER 2624 |
86. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 5, MT= 16 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3525, MF= 5, MT= 16 | |
| SECTION 5/ 16 NOT IN DIRECTORY | RECORD NUMBER 2648 |
87. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 5, MT= 17 (0): Directory (b)

ERROR(S) FOUND IN MAT=3525, MF= 5, MT= 17
SECTION 5/ 17 NOT IN DIRECTORY RECORD NUMBER 2694

88. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 5, MT= 22 (0): Directory (b)

ERROR(S) FOUND IN MAT=3525, MF= 5, MT= 22
SECTION 5/ 22 NOT IN DIRECTORY RECORD NUMBER 2708

89. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 5, MT= 28 (0): Directory (b)

ERROR(S) FOUND IN MAT=3525, MF= 5, MT= 28
SECTION 5/ 28 NOT IN DIRECTORY RECORD NUMBER 2857

90. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 5, MT= 32 (0): Directory (b)

ERROR(S) FOUND IN MAT=3525, MF= 5, MT= 32
SECTION 5/ 32 NOT IN DIRECTORY RECORD NUMBER 2973

91. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 5, MT= 33 (0): Directory (b)

ERROR(S) FOUND IN MAT=3525, MF= 5, MT= 33
SECTION 5/ 33 NOT IN DIRECTORY RECORD NUMBER 3013

92. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3525, MF= 5, MT= 91 (0): Directory (b)

ERROR(S) FOUND IN MAT=3525, MF= 5, MT= 91
SECTION 5/ 91 NOT IN DIRECTORY RECORD NUMBER 3042

• **psyche** Warnings:

- Gamma width not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 79. L = 0 / AT RESONANCE ENERGY 5.02800E+03 EV. THE GAMMA WIDTH 3.54700E-02 DEVIATES TOO MUCH FROM THE AVERAGE 3.10726E-01 (0): Gamma width

FILE 2

SECTION 151

ISOTOPE MASS = 79. L = 0

AT RESONANCE ENERGY 5.02800E+03 EV. THE GAMMA WIDTH 3.54700E-02 DEVIATES TOO MUCH FROM THE AVERAGE 3.10726E-01 (0): Gamma width

- Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05 / STRENGTH FUNCTION 5.80000E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.

FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05
STRENGTH FUNCTION 5.80000E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04
... [1 more lines]

3. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05 / STRENGTH FUNCTION 5.79999E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.

FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05
STRENGTH FUNCTION 5.79999E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04
... [1 more lines]

4. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05 / STRENGTH FUNCTION 5.80007E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.

FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05
STRENGTH FUNCTION 5.80007E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04

5. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05 / STRENGTH FUNCTION 5.79995E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.

FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05
STRENGTH FUNCTION 5.79995E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04

6. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05 / STRENGTH FUNCTION 5.79998E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.

FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05
STRENGTH FUNCTION 5.79998E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04
... [2 more lines]

7. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05 / STRENGTH FUNCTION 5.80002E-05 / LIES OUTSIDE LIMITS

1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05
STRENGTH FUNCTION 5.80002E-05

LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04

8. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05 / STRENGTH FUNCTION 5.80004E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05
STRENGTH FUNCTION 5.80004E-05

LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04

9. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05 / STRENGTH FUNCTION 5.79991E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05
STRENGTH FUNCTION 5.79991E-05

LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04

10. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05 / STRENGTH FUNCTION 5.79993E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05
STRENGTH FUNCTION 5.79993E-05

LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04

11. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05 / STRENGTH FUNCTION 5.80009E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.

FILE 2

SECTION 151

ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05
STRENGTH FUNCTION 5.80009E-05

LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04

12. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05 / STRENGTH FUNCTION 5.79994E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.

- FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.80000E-05
STRENGTH FUNCTION 5.79994E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04
13. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05 / STRENGTH FUNCTION 5.79999E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.
- FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05
STRENGTH FUNCTION 5.79999E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04
14. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05 / STRENGTH FUNCTION 5.80012E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.
- FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05
STRENGTH FUNCTION 5.80012E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04
15. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05 / STRENGTH FUNCTION 5.79993E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.
- FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05
STRENGTH FUNCTION 5.79993E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04
... [1 more lines]
16. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05 / STRENGTH FUNCTION 5.80004E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.
- FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05
STRENGTH FUNCTION 5.80004E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04
... [1 more lines]
17. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05 / STRENGTH FUNCTION 5.80009E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.

- FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05
STRENGTH FUNCTION 5.80009E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04
... [1 more lines]
18. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05 / STRENGTH FUNCTION 5.79995E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.
- FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05
STRENGTH FUNCTION 5.79995E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04
... [1 more lines]
19. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05 / STRENGTH FUNCTION 5.79997E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.
- FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05
STRENGTH FUNCTION 5.79997E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04
20. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05 / STRENGTH FUNCTION 5.80005E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.
- FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05
STRENGTH FUNCTION 5.80005E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04
21. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05 / STRENGTH FUNCTION 5.79992E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.
- FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05
STRENGTH FUNCTION 5.79992E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04
22. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05 / STRENGTH FUNCTION 5.80015E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.

```

FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05
STRENGTH FUNCTION 5.80015E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04

```

23. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05 / STRENGTH FUNCTION 5.79998E-05 / LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04 (0): URR str. ftn.

```

FILE 2
SECTION 151
ENERGY = 5.50000E+03. STRENGTH FUNCTION IS 5.79999E-05
STRENGTH FUNCTION 5.79998E-05
LIES OUTSIDE LIMITS 1.00000E-04 TO 9.00000E-04

```

24. Non-threshold reaction with Q value differing from PSYCHE's expectations
FILE 3 / SECTION 103 / THE CALCULATED Q 4.81983E+05 DISSAGREES WITH THE GIVEN Q 6.33056E+05 (0): Iffy Q

```

FILE 3
SECTION 103
THE CALCULATED Q 4.81983E+05 DISSAGREES WITH THE GIVEN Q 6.33056E+05

```

• fudge-4.0 Warnings:

1. Missing a channel with a particular angular momenta combination
resonances / resolved / MultiLevelBreitWigner (Error # 0): missingResonanceChannel

WARNING: Missing a channel with angular momenta combination L = 0, J = 0.0 and S = 0.0 for "capture"

2. Potential scattering hasn't converted, you need more L's!
resonances / resolved (Error # 1): potentialScatteringNotConverged

WARNING: Potential scattering hasn't converged by L=0 at E=5500.0 eV, xs[0]/xs[0]=100.0% > 0.1%

3. Cross section does not match sum of linked reaction cross sections
crossSectionSum label 0: total (Error # 0): CS Sum.

WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 0.20%

4. Cross section does not match sum of linked reaction cross sections
crossSectionSum label 1: (z,n) (Error # 0): CS Sum.

WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 0.11%

• fudge-4.0 Errors:

1. Calculated and tabulated Q values disagree.
reaction label 31: n[multiplicity:'2'] + Br78 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -10772742.40940857 eV vs -1.06881e7 eV!

2. Calculated and tabulated Q values disagree.
reaction label 32: n[multiplicity:'3'] + Br77 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -19061448.19358826 eV vs -1.89807e7 eV!

3. Calculated and tabulated Q values disagree.
reaction label 33: $n + H1 + Se78$ (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -6416610.806060791 eV vs -6332140. eV!

4. Calculated and tabulated Q values disagree.
reaction label 34: $n + H2 + Se77$ (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -14689855.68930054 eV vs -1.45235e7 eV!

5. Calculated and tabulated Q values disagree.
reaction label 35: $n + H3 + Se76$ (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -15851483.55636597 eV vs -1.57614e7 eV!

6. Calculated and tabulated Q values disagree.
reaction label 36: $Br80 + gamma$ (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 7807062.788986206 eV vs 7892390. eV!

7. Calculated and tabulated Q values disagree.
reaction label 37: $n + He4 + As75$ (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -5546232.15802002 eV vs -5457980. eV!

8. Calculated and tabulated Q values disagree.
reaction label 39: $H1 + Se79_s$ (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 546221.2555236816 eV vs 633056. eV!

9. Calculated and tabulated Q values disagree.
reaction label 40: $H2 + Se78_s$ (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -4192044.705123901 eV vs -4022020. eV!

10. Calculated and tabulated Q values disagree.
reaction label 41: $H3 + Se77_s$ (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -8432622.748687744 eV vs -8338360. eV!

11. Calculated and tabulated Q values disagree.
reaction label 42: $He3 + As77_s$ (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -9097047.643783569 eV vs -9010130. eV!

12. Calculated and tabulated Q values disagree.
reaction label 43: $He4 + As76_s$ (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 1782178.71472168 eV vs 1874810. eV!

- njoy2012 Warnings:

1. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
group...compute self-shielded group-averaged cross-sections (0): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 16
only mf4/mf5 provided

2. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
group...compute self-shielded group-averaged cross-sections (1): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 17
only mf4/mf5 provided

3. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
group...compute self-shielded group-averaged cross-sections (2): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 22
only mf4/mf5 provided

4. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
group...compute self-shielded group-averaged cross-sections (3): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 28
only mf4/mf5 provided

5. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
group...compute self-shielded group-averaged cross-sections (4): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 32
only mf4/mf5 provided

6. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
group...compute self-shielded group-averaged cross-sections (5): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 33
only mf4/mf5 provided

7. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended

to goad evaluators to improve things!
group...compute self-shielded group-averaged cross-sections (6): GROUPR/conver (0)

```
---message from conver---cannot do complete particle production for mt= 91  
                           only mf4/mf5 provided
```